

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for controlling a resolution of a graphic image comprising ~~the steps of~~:

(a) selecting a first resolution value of the graphic image to be displayed on an external display unit;

(b) additionally selecting ~~another~~ a second resolution value corresponding to a valid screen size of the external display unit, said second resolution value being less than the first resolution value;

(c) confirming a source type on the graphic image to be displayed on the external display unit and a screen mode; and

(d) referring to the selected first and second resolution values and reconfiguring the graphic image, according to a result of the confirmation.

2. (Currently Amended) The method as set forth in claim 1, wherein the first and second resolution value is a values are horizontal and vertical resolution ~~value~~ values.

3. (Currently Amended) The method as set forth in claim 1, wherein the external display unit is a television (TV) ~~in which a size of a valid screen displaying a video image is smaller than that of an actual physical screen.~~

4. (Currently Amended) The method as set forth in claim 3, wherein the step (a) is carried out by selecting any one of a plurality of first horizontal and vertical resolution values corresponding to horizontal and vertical frequencies capable of being accommodated in the TV.

5. (Currently Amended) The method as set forth in claim 3, wherein the step (b) is carried out by additionally selecting a second horizontal and vertical resolution value corresponding to a valid horizontal and vertical frequency so that the graphic image controlled by the resolution value selected at the step (a) ~~can be~~ is fully displayed ~~on a~~ within the valid screen size of the TV.

6. (Currently Amended) The method as set forth in claim 3, wherein the step (d) is carried out by controlling the first resolution of the graphic image on the basis of the resolution value selected at the step (a) ~~wherein a~~ when the source type of the confirmed graphic image is a video image and a screen mode is a full screen mode.

7. (Original) The method as set forth in claim 6, wherein the video image is a video image read and reproduced from an optical disc or a broadcast image received through a broadcast.

8. (Original) The method as set forth in claim 3, wherein the step (d) is carried out by referring to the resolution values selected at the steps (a) and (b) and controlling the resolution of the graphic image, where a source type of the confirmed graphic image is another image rather than a video or broadcast image, or is a video or broadcast image based on another screen mode rather than a full screen mode.

9. (Currently Amended) The method as set forth in claim 8 5, further comprising ~~the step~~ of:

(e) shifting a start point of the graphic image controlled by the second horizontal and vertical resolution value selected at the step (b) to within a valid display period contained between horizontal sync signals.

10. (New) A system for controlling a resolution of a graphic image comprising:

an input device configured to allow a user to select a first resolution value of the graphic image to be displayed on an external display unit, and to select a second resolution value corresponding to a valid screen size of the external display unit, the second resolution value being less than the first resolution value; and

a processing unit configured to confirm a source type on the graphic image to be displayed on the external display unit and a screen mode, and to refer to the selected first and second resolution values and to reconfigure the graphic image, according to a result of the confirmation.

11. (New) The system as set forth in claim 10, wherein the first and second resolution values are horizontal and vertical resolution values.

12. (New) The system as set forth in claim 10, wherein the external display unit is a television (TV).

13. (New) The system as set forth in claim 12, wherein the first resolution values include any one of a plurality of horizontal and vertical resolution values corresponding to horizontal and vertical frequencies capable of being accommodated in the TV.

14. (New) The system as set forth in claim 12, wherein the second resolution value includes a horizontal and vertical resolution value corresponding to a valid horizontal and vertical frequency so that the graphic image controlled by the resolution value is fully displayed within the valid screen size of the TV.

15. (New) The system as set forth in claim 12, wherein the processing unit controls the resolution of the graphic image based on the first resolution value when the source type of the confirmed graphic image is a video image and a screen mode is a full screen mode.

16. (New) The system as set forth in claim 15, wherein the video image is a video image read and reproduced from an optical disc or a broadcast image received through a broadcast.

17. (New) The system as set forth in claim 10, wherein the processing unit refers to the first and second resolution values and controls the resolution of the graphic image, where a source type of the confirmed graphic image is another image rather than a video or broadcast image, or is a video or broadcast image based on another screen mode rather than a full screen mode.

18. (New) The system as set forth in claim 14, wherein the processing unit shifts a start point of the graphic image controlled by the selected second horizontal and vertical resolution value to within a valid display period contained between horizontal sync signals.